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Customer Number

Patent  
Case No.: 58807US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: ROSENFLANZ, ANATOLY Z.

Patent No.: 7141523 Application No.: 10/666212

Dated: November 28, 2006 Confirmation No. 8296

Title: CERAMICS COMPRISING AL<sub>2</sub>O<sub>3</sub>, REO, ZRO<sub>2</sub> AND/OR HFO<sub>2</sub>, AND  
NB<sub>2</sub>O<sub>5</sub> AND/OR TA<sub>2</sub>O<sub>5</sub> AND METHODS OF MAKING THE SAME

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**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323**

Commissioner for Patents  
Office of Publication  
Attn: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

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transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.

transmitted to United States Patent and Trademark Office on the date shown below via the Office electronic filing system.

\_\_\_\_\_  
April 20, 2009  
\_\_\_\_\_  
Date \_\_\_\_\_  
\_\_\_\_\_  
/Joyce M. Courtney/  
\_\_\_\_\_  
Signed by: Joyce M. Courtney

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

The errors are attributable to both the Applicant(s) and the Patent and Trademark Office.

Fees

- Any required fee will be made at the time of submission via EFS-Web. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.20(a) which may be required to Deposit Account No. 13-3723.
- Please charge any fees under 37 CFR §§ 1.20(a), 1.16 and 1.17 which may be required to Deposit Account No. 13-3723.
- Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
- Please credit any overpayment to the same deposit account.

Respectfully submitted,

April 20, 2009

Date

By: Gregory D. Allen

Gregory D. Allen, Reg. No.: 35,048

Telephone No.: 651-736-0641

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Page 1 of 3

PATENT NO.: 7141523  
DATED: November 28, 2006  
FIRST NAMED INVENTOR: ROSENFLANZ, ANATOLY Z.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

First Page, Column 1

Section (54), Title, Delete "CERAMICS COMPRISING AL<sub>2</sub>O<sub>3</sub>, REO, ZRO<sub>2</sub>, AND/OR HFO<sub>2</sub>, AND NB<sub>2</sub>O<sub>5</sub> AND/OR TA<sub>2</sub>O<sub>5</sub> AND METHODS OF MAKING THE SAME" and insert -- CERAMICS COMPRISING Al<sub>2</sub>O<sub>3</sub>, REO, ZrO<sub>2</sub>, AND/OR HfO<sub>2</sub>, AND Nb<sub>2</sub>O<sub>5</sub> AND/OR Ta<sub>2</sub>O<sub>5</sub> AND METHODS OF MAKING THE SAME--

Page 3, Column 1

Line 36, after "6,461,988" delete "B1" and insert -- B2 --, therefor.

Line 42, after "6,511,739" delete "B1" and insert -- B2 --, therefor.

Line 55, after "6,749,653" delete "B1" and insert -- B2 --, therefor.

Page 3, Column 2

Line 38, before "63-156024" delete "JP" and insert -- S --, therefor.

Line 39, before "63-303821" delete "JP" and insert -- S --, therefor.

Line 41, before "HEI 4-119941" delete "JP" and insert -- HEI --, therefor.

Line 46, before "HEI 11-189926" delete "JP" and insert -- HEI --, therefor.

Page 4, Column 1

Line 10, delete "Krepskim" and insert -- Krepski --, therefor.

Line 40, delete "Metal" and insert -- Metals --, therefor.

Line 62, delete "n" and insert -- no. --, therefor.

Page 4, Column 2

Line 26, before "http" insert -- " --.

Line 26, delete "asp;" and insert -- asp"; --, therefor.

Line 35, delete "TiO<sub>2</sub>," and insert -- (TiO<sub>2</sub>, --, therefor.

Line 53, delete "Al<sub>2</sub>O<sub>3</sub>ZrO<sub>2</sub>" and insert -- Al<sub>2</sub>O<sub>3</sub>–ZrO<sub>2</sub> --, therefor.

Line 70, delete "RE<sub>3</sub>Al<sub>5</sub>O<sub>12</sub>" and insert -- Re<sub>3</sub>Al<sub>5</sub>O<sub>12</sub> --, therefor.

Line 70, delete "REAlO<sub>3</sub>" and insert -- ReAlO<sub>3</sub> --, therefor.

MAILING ADDRESS OF SENDER:

PATENT NO. 7141523

**OFFICE OF INTELLECTUAL PROPERTY COUNSEL  
3M INNOVATIVE PROPERTIES COMPANY  
3M CENTER - P.O. BOX 33427  
SAINT PAUL, MINNESOTA 55133-3427**

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**CERTIFICATE OF CORRECTION**

Page 2 of 3

PATENT NO.: 7141523

DATED: November 28, 2006

FIRST NAMED INVENTOR: ROSENFLANZ, ANATOLY Z.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 5, Column 1

Line 19, delete "Crystals" and insert - - Crystal - -, therefor.

Line 27, delete "transition" and insert - - translation - -, therefor.

Page 5, Column 2

Line 28, delete "Having" and insert - - having - -, therefor.

Column 1

Lines 1-4, in the title, delete "CERAMICS COMPRISING AL<sub>2</sub>O<sub>3</sub>, REO, ZRO<sub>2</sub>, AND/OR HFO<sub>2</sub>, AND NB<sub>2</sub>O<sub>5</sub> AND/OR TA<sub>2</sub>O<sub>5</sub> AND METHODS OF MAKING THE SAME" and insert -- CERAMICS COMPRISING Al<sub>2</sub>O<sub>3</sub>, REO, ZrO<sub>2</sub>, AND/OR HfO<sub>2</sub>, AND Nb<sub>2</sub>O<sub>5</sub> AND/OR Ta<sub>2</sub>O<sub>5</sub> AND METHODS OF MAKING THE SAME—

Column 3

Line 3, delete "so" and insert - - some - -, therefor.

Column 6

Line 46, delete "DRAWING" and insert - - DRAWINGS - -, therefor.

Column 13

Line 15, delete "typically-added" and insert - - typically added - -, therefor.

Column 17

Line 38, after "TeO<sub>2</sub>," insert - - TiO<sub>2</sub>, - -.

Line 52, delete "Al<sub>2</sub>O<sub>3</sub>–metal oxide" and insert - - Al<sub>2</sub>O<sub>3</sub>•metal oxide - -, therefor.

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Page 3 of 3

PATENT NO.: 7141523  
DATED: November 28, 2006  
FIRST NAMED INVENTOR: ROSENFLANZ, ANATOLY Z.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21

Line 1, delete "Er(NO<sub>3</sub>).5H<sub>2</sub>O," and insert - - Er(NO<sub>3</sub>)•5H<sub>2</sub>O, - -, therefor.  
Line 2, delete "3" and insert - - 43 - -, therefor.  
Line 33, below the table, delete "of" and insert - - by - -, therefor.  
Line 45, in Table 2, delete "(ErNO<sub>3</sub>.5H<sub>2</sub>O)" and insert - - (ErNO<sub>3</sub>•5H<sub>2</sub>O) - -, therefor.

Column 23

Line 63, in Claim 1, delete "80" and insert - - 85 - -, therefor.  
Line 66, in Claim 1, delete "20" and insert - - 15 - -, therefor.

Column 24

Line 17, in Claim 4, delete "HfO<sub>2</sub>," and insert - - HfO<sub>2</sub>, - -, therefor.  
Line 25, in Claim 6, delete "Al<sub>2</sub>O<sub>3</sub>or" and insert - - Al<sub>2</sub>O<sub>3</sub> or - -, therefor.  
Line 44, in Claim 12, delete "or" and insert - - of - -, therefor.

Column 25

Line 6, in Claim 21, delete "Ta<sub>2</sub>O<sub>5</sub>," and insert - - Ta<sub>2</sub>O<sub>5</sub>, - -, therefor.  
Line 8, in Claim 21, delete "Al<sub>2</sub>O<sub>3</sub>or" and insert - - Al<sub>2</sub>O<sub>3</sub> or - -, therefor.

Column 26

Line 23, in Claim 32, delete "35.73percent" and insert - - 35.73 percent - -, therefor.  
Line 23, in Claim 32, delete "Al<sub>2</sub>O<sub>3</sub>," and insert - - Al<sub>2</sub>O<sub>3</sub>, - -, therefor.  
Line 27, in Claim 33, delete "A<sub>2</sub>O<sub>3</sub>," and insert - - Al<sub>2</sub>O<sub>3</sub>, - -, therefor.

MAILING ADDRESS OF SENDER:

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